

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in Glycine max**

Activity	Chemical Count
11B-HSD-Inhibitor	3
17-beta-hydroxysteroid dehydrogenase-Inhibitor	1
5-Alpha-Reductase-Inhibitor	8
5-HETE-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	3
Abortifacient	4
Absorbent	1
Acaricide	2
Acarifuge	1
ACE-Inhibitor	10
Acetylcholinergic	1
Acidulant	3
Acnegenic	1
Addictive	1
Additive	1
Adjuvant	1
Aggregant	1

Activity	Chemical Count
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	18
Allelochemic	5
Allelopathic	5
Allergenic	14
Alpha-Amylase-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	3
Amebicide	1
Analgesic	18
Anaphrodisiac	1
Androgenic	2
Androgenic?	1
Anemiagenic	2
Anesthetic	2
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anhydrotic	1
Anorexic	2
Anthelmintic	1

Activity	Chemical Count
Antiacetylcholinesterase	1
Antiacid	1
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
AntiAddisonian	1
Antiadenomic	1
Antiadenoviral	1
Antiadenovirus	1
Antiadrenalinic	1
Antiaflatoxin	3
AntiAGE	1
Antiaggregant	19
Antiaging	5
Antiakathisic	1
Antialcoholic	8
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1

Activity	Chemical Count
Antiallergenic	1
Antiallergic	9
Antialoppecic	6
Antialzheimeran	11
Antiamblyopic	1
Antiamnesic	1
Antiamyloid-Beta	1
Antianacarditic	1
Antianaphylactic	3
Antiandrogenic	4
Antianemic	6
Antiangular	5
Antiangiogenic	7
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiaphthic	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	9

Activity	Chemical Count
Antiarteriosclerotic	4
Antiarthritic	15
Antiasthmatic	10
Antiataxic	1
Antiatherogenic	2
Antiatherosclerotic	16
Antiautistic	1
Antibackache	1
Antibacterial	37
Antiberiberi	1
Antibiotic	2
AntiBPH	1
Antibradiquinic	1
Antibronchitic	2
Anticalculic	1
Anticancer	16
Anticancer (Breast)	3
Anticancer (Cervix)	2
Anticancer (Colon)	3
Anticancer (Esophagus)?	1

Activity	Chemical Count
Anticancer (Forestomach)	2
Anticancer (Liver)	4
Anticancer (Lung)	1
Anticancer (Skin)	3
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	5
Anticarcinomic	2
Anticarcinomic (Breast)	2
Anticardiospasmic	1
Anticariogenic	3
Anticarpal-Tunnel	2
Anticataract	13
Anticephalagic	6
Anticervicaldysplastic	4
AntiCFS	2
Anticheilitic	4
Antichilblain	1
Anticholinergic	1
Antichorea	1

Activity	Chemical Count
Antichoreic	1
Anticirrhotic	4
Anticirrhotic?	1
Anticlastogen	3
Anticlaudificant?	1
Anticlimacteric	5
Anticoagulant	2
Anticoeliac	1
Anticold	2
Anticolitic	4
Anticomplementary	3
Anticonvulsant	4
Anticorony	7
AntiCorpus-Luteum	1
AntiCrohn's	3
AntiCRP	1
AntiCTS	1
AntiCVI	1
Anticystinuric	1
Anticystitic	1

Activity	Chemical Count
Anticytotoxic	1
Antidandruff	5
Antidecubitic	6
Antideliriant	1
Antidementia	9
Antidepressant	12
Antidepressant?	1
Antidermatitic	10
Antidermatotic	2
Antidiabetic	19
Antidiabetic?	2
Antidiarrheic	2
Antidipsomanic	2
Antidiscotic	1
Antidiuretic	1
Antidote	2
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Camphor)	1

Activity	Chemical Count
Antidote (Hydrazine)	1
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	2
Antidote (Mercury)	1
Antidote (Morphine)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	5
Antidysmenorrheic	4
Antidyspeptic	1
Antidysphagic	1
AntiEBV	2
Antieczemic	8
Antiedemic	11
Antielastase	3
Antiembolic	1
Antiemetic	1

Activity	Chemical Count
Antiencephalitic	4
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendocytotic	1
Antiendometriotic	2
Antiendotoxic	1
Antienteritic	1
Antienterotic	1
Antienzymatic	1
Antiepileptic	6
Antiepitheleomic	1
Antierythemic	1
Antiescherichic	4
Antiestrogenic	7
Antifatigue	7
Antifeedant	15
Antifertility	5
Antifibrinolytic	3
Antifibromyalgic	2
Antifibrosarcomic	1

Activity	Chemical Count
Antifibrositic	1
Antifibrotic	4
Antiflu	8
Antifuruncular	1
Antigallstone	1
Antigargantitic	1
Antigastric	1
Antigastritic	4
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	4
Antiglaucomic	3
Antiglossitic	3
Antigoiter	1
Antigonadotrophic	1
Antigonadotropic	3
Antigout	1
Antigranular	1
Antigranulocytopenic	1
Antigrey	1

Activity	Chemical Count
AntiGTF	1
Antihalitotic	1
Antihangover	5
Antiheartburn	1
Antihematuric	1
Antihemolytic	5
Antihemorrhagic	3
Antihemorrhoidal	2
Antihepatitic	2
Antihepatoadenomic	1
Antihepatocarcinogenic	1
Antihepatomic	1
Antihepatotic	1
Antihepatotoxic	16
Antiherpetic	18
Antiherpetic?	1
Antihiccup	1
Antihistaminic	11
AntiHIV	12
Antihomocysteine	1

Activity	Chemical Count
Antihomocystinuric	3
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	3
Antihyperglycemic	2
Antihyperkeratotic	1
Antihyperkinetic	3
Antihyperlipoproteinaemic	1
Antihypertensive	12
Antihyperthyroid	2
Antihyperventilation	1
Antihypoglycemic	1
Antihypoxic	1
Antiichthyosic	1
Antiichthyotic	1
Antiileus?	1
Antiimplantation	3
Antiimpotence	2
Antiinfarctal	1

Activity	Chemical Count
Antiinfective	1
Antiinfertility	5
Antiinflammatory	39
Antiinsomniac	5
Antiinsomniac?	1
Antiinsomnic	1
Antiischaemic	1
Antiischemic	5
Antikeratitic	2
Antikeshan	1
Antiketotic	2
AntiLegionella	3
Antileishmanic	4
Antilepric	2
Antileukemic	14
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	6
Antileukotriene-B4	1
Antileukotriene-D4	4

Activity	Chemical Count
Antilipedemic	1
Antilipolytic	2
Antilipoperoxidant	2
Antilithic	7
Antilupus	2
AntiLyme	5
Antilymphocytic	1
Antilymphomic	3
Antimaculitic	6
Antimalarial	4
Antimanic	4
Antimastalgic	2
Antimastitic	1
AntiMD	1
Antimeasles	1
Antimelanogenic	3
Antimelanomic	6
AntiMeniere's	1
Antimenopausal	5
Antimenorrhagic	4

Activity	Chemical Count
Antimetabolic	1
Antimetastatic	6
Antimicrobial	3
Antimigraine	6
Antimitogenic	1
Antimitotic	1
Antimiral-valve-prolapse	1
AntiMorning-Sickness	1
Antimorphinic	1
Antimorphinistic	1
AntiMRSA	1
AntiMS	4
AntiMSG-Sensitivity	1
Antimutagenic	25
Antimyalgic	1
Antimyasthenic	1
Antimyelotoxic	1
Antimyoatrophic	1
Antimycarditic	2
Antimyoclonic	1

Activity	Chemical Count
Antinauseant	1
Antineoplastic	1
Antinephritic	3
Antinephrolytic	1
Antnesidioblastotic	1
Antineurinalgic	4
Antineuramidase	1
Antineurasthenic	1
Antineuritic	3
Antineuroblastomic	1
Antineuropathic	5
Antineuropathic?	1
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	9
Antinitrosic	1
Antinociceptive	9
Antinyctalopic	2
Antiobesity	5
Antioncychomycotic	1

Activity	Chemical Count
Antonychytic	1
Antiophidic	5
Antiophthalmic	3
Antorchitic	1
Antiostearthritic	5
Antiosteoporotic	12
Antiotitic	2
Antiototic	1
Antioxalate	1
Antioxaluric	1
Antioxidant	68
Antioxidant Synergist	3
Antioxidant?	2
Antiozenic	1
AntiPAF	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	10
Antiparotitic	1
Antipellagric	3

Activity	Chemical Count
Antipeptic	1
Antiperiodic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	5
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	11
Antiperoxidative	1
Antiperoxynitrite	1
Antipharyngitic	2
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplaque	5
Antiplasmodial	2
Antiplatelet	1
AntiPMS	7
Antipneumonic	1
Antipodagric	1

Activity	Chemical Count
Antipodriac	2
Antipolio	4
Antipoliomyelic	2
Antipolyneuritic	1
Antiporphyric	1
Antiprogestational	1
Antiprogesterone	1
Antiprolactin	2
Antiproliferant	10
Antiproliferative	2
Antiprostaglandin	6
Antiprostanoid	1
Antiprostatadenomic	3
Antiprostatic	10
Antiprostatotic	1
Antiproteolytic	1
Antiprotozoal	1
Antipruritic	2
Antipsoriac	6
Antipsoriatic	1

Activity	Chemical Count
Antipsychotic	2
Antipurpuric	2
Antipyretic	4
Antirabies	1
Antiradiation	1
Antiradicular	22
AntiRaynaud's	3
Antiretardation	1
Antiretinitic Optometry	1
Antiretinopathic	1
Antiretinopathic?	1
Antiretinotic	2
Antirheumatic	12
Antirheumatic?	1
Antirhinitic	3
Antisalmonella	1
Antischizophrenic	1
Antisclerodermic	1
Antiscoliotic	1
Antiscorbutic	1

Activity	Chemical Count
Antiscotomic	1
Antiseborrheic	7
Antisecretory	1
Antisenility	1
Antiseptic	21
Antiserotonin	2
Antiserotonininc	1
Antishingles	1
Antisickling	6
Antisilicotic	1
Antisindhisi	1
Antisinusitic	1
Antispore-Tire	1
Antispasmodic	21
Antispasmophilic	1
Antispermatogenic	1
AntiSpina-Bifida	1
Antisprue	1
Antistaphylococcic	6
Antisteatotic	1

Activity	Chemical Count
Antisterility	1
Antistomatitic	4
Antistreptococcic	1
Antistress	4
Antistroke	4
Antisunburn	4
Antisyncopic	1
Antisyndrome-X	6
Antitachycardic	1
Antitestosterone	1
Antithalassemic	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	2
Antithrombotic	1
Antithromboxane-B2	1
Antithyroid	4
Antithyrotoxic	1
Antitic	1
Antitinnitic	1

Activity	Chemical Count
AntiTMJ	1
Antitonsilitic	1
AntiTourette's	1
Antitoxemic	1
Antitriglyceride	1
Antitrypanosomic	3
Antitubercular	2
Antitumor	34
Antitumor (Bladder)	2
Antitumor (brain)	1
Antitumor (Breast)	7
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	6
Antitumor (Colorectal)	1
Antitumor (Esophagus)?	1
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (GI)	2
Antitumor (Liver)	3

Activity	Chemical Count
Antitumor (Lung)	8
Antitumor (Mouth)	1
Antitumor (Ovary)	3
Antitumor (Prostate)	5
Antitumor (Skin)	5
Antitumor (Stomach)	3
Antitumor-Promoter	13
Antitussive	1
Antitympanitic	1
Antiulcer	24
Antiulcer?	2
Antiulcerogenic	3
Antiuremic	1
Antiurethrotic	1
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	2
Antivaricose	2
Antivertigo	2
Antiviral	29

Activity	Chemical Count
Antiviral?	1
Antivitilic	1
Antixerophthalmic	1
Anxiolytic	8
AP-1-Inhibitor	1
Aphidifuge	2
Aphrodisiac	1
Apoptotic	13
Aromatase-Inhibitor	5
Artemicide	2
Arteriodilator	3
Ascaricide	1
Asthma-preventive	1
Astringent	4
Atherogenic	1
ATPase-Inhibitor	1
Autotoxic	1
Avicide	1
Bacteristat	3
Beta-Adrenergic Receptor Blocker	2

Activity	Chemical Count
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bronchodilator	1
Bruchiphobe	3
Calcium-Antagonist	8
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	6
Cancer-Preventive	56
Candidicide	7
Capillarigenic	1
Capillariprotective	2
Carcinogenic	8
Cardiac	2
Cardiodepressant	1
Cardiomyopathogenic	1
Cardioprotective	14
Cardiotonic	3
Cardiotoxic	1

Activity	Chemical Count
Caspase-8-Inducer	1
Catabolic	2
Catechol-O-Methyltransferase-Inhibitor	1
Cerebroprotective	1
Cerebrotonic	1
Chelator	1
Chemopreventive	8
Cholagogue	3
Choleretic	12
Cholesterolytic	2
Cholinergic	2
Circulatory-Stimulant	1
Circulotonic	2
Clastogenic	2
CNS-Active	2
CNS-Depressant	5
CNS-Paralytic	1
CNS-Stimulant	2
Co-carcinogenic	1
Coagulant	2

Activity	Chemical Count
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	2
Collyrium	1
Colorant	7
Comedogenic	1
Comedolytic	2
COMT-Inhibitor	1
Contraceptive	1
Contraceptive (Male)	1
Convulsant	1
Copper-Antagonist	1
Copper-Chelator	2
Coronary-Dilator	1
Corrosive	1
Cosmetic	2
Counterirritant	1
COX-1-Inhibitor	2
COX-2-Inhibitor	6

Activity	Chemical Count
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	8
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	2
Cytotoxic	12
Decarboxylase-Inhibitor	1
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	2
Depressant	1
Dermatitogenic	5
Detoxicant	5
Detoxicant (Alcohol)	1
Diagnostic	1
Diaphoretic	2
Diaphoretic?	3
Differentiator	1
Disinfectant	1
Diuretic	15

Activity	Chemical Count
DNA-Active	1
DNA-Protective	1
DOPA-Decarboxylase-Inhibitor	1
Dopaminergic	1
Dye	4
Embryotoxic	1
Emetic	2
Emmenagogue	1
Emollient	1
Encephalopathic	1
Epidermal-Stimulant	1
ER-Beta-Binder	1
Ergogenic	1
Erythrocytogenic	1
Essential	8
Estrogen-Agonist	3
Estrogenic	15
Estrogenic?	1
Ethanolytic	1
Expectorant	5

Activity	Chemical Count
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	3
Flatulent	3
FLavor	13
Floral-Inhibitor	1
FPTase-Inhibitor	1
Fungicide	41
Fungistat	5
Fungitoxic	1
Gastroprotective	3
Glucagonogenic	1
Glucosyl-Transferase-Inhibitor	1
Glutathione-Depleting	1
Glutathionergic	1
Glutathionigenic	1
Goitrogenic	2
Gonadotrophic	1

Activity	Chemical Count
Gram(+)icide	1
Gram(-)icide	1
Hematopoietic	1
Hemolytic	2
Hemopoietic	1
Hemostat	9
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	20
Hepatotonic	2
Hepatotoxic	6
Hepatotropic	3
Herbicide	3
Herbicide-Safener	2
Histamine-Inhibitor	2
Histidine-Kinase-Inhibitor	1
HIV-RT-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	3

Activity	Chemical Count
Hyperglycemic	2
Hypertensive	3
Hyperthyroid	1
Hyperuricemic	1
Hypnotic	2
Hypoammonemic	1
Hypoarginanemic	1
Hypocalcemic	3
Hypocholesterolemic	30
Hypoglycemic	15
Hypokalemic	1
Hypolipidemic	6
Hypotensive	22
Hypothermic	1
Hypouricemic	1
ICAM-1-Inhibitor	1
Ileorelaxant	1
Immunomodulator	11
Immunostimulant	21
Immunosuppressant	4

Activity	Chemical Count
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	14
Insectiphile	4
Insulin-Sparing	3
Insulinase-Inhibitor	2
Insulinic	2
Insulinogenic	4
Insulinotonic	2
Interferon-Synergist	1
Interferonogenic	4
Iodothyronine-Deiodinase-Inhibitor	2
Irritant	9
JNK-Inhibitor	1
Juvabional	4
Keratitogenic	1
Keratolytic	3
Larvicide	2
Larvistat	3

Activity	Chemical Count
Laxative	8
Laxative?	2
Leptogenic	1
Leukotriene-Inhibitor	2
Libidolytic	1
Lipase-Inhibitor	3
Lipolytic	2
Lipotropic	5
Lipoxygenase-Inhibitor	10
Lithogenic	2
Litholytic	2
Lubricant	4
Lupus-Generating	1
Lyase-Inhibitor	1
Lymphocytogenic	1
MAO-A-Inhibitor	2
MAO-Inhibitor	4
Mast-Cell-Stabilizer	1
MDR-Inhibitor	1
Memorigenic	1

Activity	Chemical Count
Memory-Enhancer	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
Mitogenic	2
MMP-9-Inhibitor	1
Monoamine-Precursor	3
Mosquitocide	1
Mucogenic	3
Mucolytic	2
Mucotropic	1
Mutagenic	5
Mycobactericide	2
Myocardiotonic	1
Myocontractant	1
Myoprotective	1
Myorelaxant	6
Myostimulant	1
NADH-Oxidase-Inhibitor	1

Activity	Chemical Count
NADH-Ubiquinone-Oxidoreductase-Inhibitor	1
Narcotic	1
Natriuretic	3
Nematicide	6
Nematistat	2
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	2
Neuroexcitant	1
Neuroinhibitor	1
Neurolytic	1
Neuroprotective	6
Neurotoxic	2
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Genic	2
NO-Inhibitor	5
NO-Synthase-Inhibitor	1
Odontolytic	1
Ophthalmic-Antialkali	1

Activity	Chemical Count
Ornithine-Decarboxylase-Inhibitor	7
Osmoregulator	1
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	2
Ovulant	1
Oxidant	3
Oxidase-Inhibitor	1
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	2
PAF-Inhibitor	3
Paralytic	2
Parasiticide	1
Parasympathomimetic	1
Percutaneostimulant	2
Perfumery	11
Peroxidase-Inhibitor	3
Pesticide	75
PGE2-Inhibitor	1

Activity	Chemical Count
Phagocytotic	5
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	10
Phytohormonal	1
Pigment	1
Pituitary-sensitizer	1
Pituitary-Stimulant	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Preservative	3
Progesteronogenic	1
Prolactinogenic	1
Proliferant	1
Prooxidant	4
Propecic	6
Prostaglandigenic	6
Prostaglandin-Sparer	1

Activity	Chemical Count
Prostaglandin-Synthesis-Inhibitor	5
Protein-Kinase-C-Inhibitor	3
Protisticide	4
PTK-Inhibitor	2
Pyrogenic	2
Quinone-Reductase-Inducer	5
Quinone-Reductase-Inhibitor	1
Radioprotective	1
Refrigerant	1
Renotoxic	1
Respiraparalytic	1
Respirastimulant	1
Retinoprotectant Optometry	1
Roborant	1
Rubefacient	2
Scabicide	1
Schistosomicide	1
Schizophrenogenic	1
Sclerosant	1
Secretogogue	2

Activity	Chemical Count
Secretomotor	1
Sedative	6
Serotonin-Inhibitor	1
Serotonergic	2
Sialogogue	1
Soap	2
Spermicide	3
Spermigenic	2
Spinoconvulsant	1
Styptic	1
Sunscreen	6
Suppository	1
Suppurative	1
Surfactant	1
Sweetener	5
Teratogenic	2
Teratologic	2
Testosteronogenic	1
Thermogenic	1
Thymoprotective	1

Activity	Chemical Count
Thyroid-Peroxidase-Inhibitor	1
Thyrotropic	1
Tineacide	1
TNF-alpha-Inhibitor	4
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	9
Topoisomerase-II-Inhibitor	9
Topoisomerase-II-Poison	1
Toxic	4
Tranquillizer	2
Tremorigenic	1
Tremorilytic	1
Trichomonicide	1
Triglycerigenic	1
Trypanosomastat	1
Tumor-Promoter	1
Tumorigenic	3
Tyrosinase-Inhibitor	5
Tyrosine-Kinase-Inhibitor	3
Ubiquiot	11

Activity	Chemical Count
Ulcerogenic	4
Urate-Solvent	1
Uricogenic	1
Uricosuric	4
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	2
Uterotrophic	6
VAM-Simulant	1
VAM-Stimulant	1
Varroacide	1
Vasoconstrictor	1
Vasodilator	15
Vasopressor	2
Vasorelaxant	1
VEGF-Inhibitor	5
Verrucolytic	1
Vulnerary	8

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	5